Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....20.....

No. 1st & Part bill

Division: RI -Yelahanka Division. Cash Book Voucher No.....dated.....

Bill Received No.....Dated.....

Scheduled Docket No.....

Name of Work: Repair and Improvements to roads and drains and footpaths of Tatanagar Main Road in ward no. 08 Kodigehalli. **Est. cost: 100.00 lakhs**

Job Code No: 008-20-000036 **P-CODE: P-2902**

Name of Contractor and Full Address : M/s KRIDL, Bangalore.

Work Order No: EE/RI/YNK/WO/13/2019-20, **Dated : 18-12-2019**

Certified that the measurements were taken by me on 08/05/2020 and recorded in pages 37176 to 37182 of measurement Book No. 372/15-16 and that the work is satisfactorily executed.

8/05/2020

Officer-in-charge of work

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor

Certified that the measurements were taken by me on 8/5/20 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Road Infrastructure, (Yelahanka Division)
Bhuhat Bengaluru Mahanagara Palike
Bengaluru - 02.

Sub-Division Officer

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme
   materials supplied

BILL AMOUNT	4695288/-
DEDUCTIONS	
INCOME TAX	62884/-
CGST	41922/-
SGST	41922/-
F.S.D.	234764/-
L.C.	41922/-
CBE	4192/-
ADVANCE/Royalty	117411/-
FINE	- NIL -
OTHER	- NIL -
otal Deductions	545017/-
Net Payable	4150271/-

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Bill Passed

Passed for Rs. 4695288/- only

Net Cheque Rs. 4150271/- only

Rs. in words Forty one Thousand Six Hundred Seventy Two Hundred and Seventy one only

Adjustment Rs. 545017/- only

Initials of Officer Making Payment

Executive Engineer

Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Repair and Improvements to roads and drains and footpaths of Tatanagar Main Road in ward no. 08 Kodigehalli

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) with all lead and lift and as per the direction of Engineer in charge	Sqm	858.33	111.30	95532.13	-	-	239.25	111.30	26628.53	239.25	26628.53
2	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	311.40	214.50	66795.80	-	-	96.00	214.50	20592.15	96.00	20592.15
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete with all lead and lift and as per the direction of Engineer in charge	Sqm	151.47	742.00	112390.74	-	-	90.75	742.00	67336.50	90.75	67336.50
4	KSRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	7.29	5421.90	39525.65	-	-	5.20	5421.90	28180.33	5.20	28180.33
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, HOM, curing complete as per specifications KBS 5.1.13 cement mortar 1:6 with all lead and lift and as per the direction of Engineer in charge	Cum	19.44	4871.76	94707.01	-	-	16.63	4871.76	81027.11	16.63	81027.11
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	4.05	5599.98	22679.92	-	-	3.52	5599.98	19727.33	3.52	19727.33

Original / Duplicate / Triplicate

CERTIFICATE

Scanned by CamScanner

	drain in cement concrete M20 using graded granite jelly 20mm and down size, with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge with all lead and lift and as per the direction of Engineer in charge	Sqm	40.50	3640.00	147420.00	-	-	27.72	3640.00	100900.80	27.72	100900.80
8	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 6.00 km and complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	842.50	57.03	48046.09	-	-	95.90	57.03	5468.70	95.90	5468.70
9	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Sqm	1100.50	41.34	45494.67	-	-	1100.31	41.34	45486.82	1100.31	45486.82
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC,spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	571.17	1855.00	1059520.35	-	-	236.97	1855.00	439575.18	236.97	439575.18
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Cum	826.51	2001.28	1654082.94	-	-	343.46	2001.28	687369.13	343.46	687369.13
12	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Sqm	3730.30	29.68	110715.30	-	-	1579.79	29.68	46888.02	1579.79	46888.02
13	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Sqm	3931.10	5.30	20834.83	-	-	2557.11	5.30	13552.68	2557.11	13552.68

Original / Duplicate / Triplicate

CERTIFICATE

Scanned by CamScanner

14	KSRRB 500-7 Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm. heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Sqm	8784.40	12.72	111737.57	-	-	4136.90	12.72	52621.30	4136.90	52621.30
15	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen with all lead and lift and as per the direction of Engineer in charge	Cum	285.26	6858.20	1956335.84	-	-	157.52	6858.20	1080288.23	157.52	1080288.23
16	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) with all lead and lift and as per the direction of Engineer in charge	Cum	331.63	8049.64	2669518.21	-	-	165.48	8049.64	1332020.62	165.48	1332020.62
17	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications with all lead and lift and as per the direction of Engineer in charge	Sqm	306.00	454.74	139150.44	-	-		454.74	0.00	0.00	0.00

Scanned by CamScanner

	Supply and installation of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation with all lead and lift and as per the direction of Engineer in charge	Nos	120.00	357.22	42866.40	-	-		357.22	0.00	0.00	0.00
	Total				**8437353.89**					**4047663.43**		**4047663.43**
	4% KRIDL Charges				**337494.16**					**161906.54**		**161906.54**
	12% GST Charges				**1052981.77**					**485719.61**		**485719.61**
	Grand Total				**9827829.81**					**4695289.58**		**4695289.58**

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

46,95,089/-

Assistant Executive Engineer,
R.R. Nagar Sub-Division,
KRIDL, BBMP, Bangalore

Assistant Engineer

K.S.R Consultant

Asst. Executive Engineer,

Taxable value : 4192222/-

Original / Duplicate / Triplicate

Scanned by CamScanner